

$$\frac{dy}{dx} = 2x - 5$$

$$y = x^2 - 5x + C$$

$$2 = 16 - 20 + C$$

$$C = 6$$

$$\begin{matrix} x & y \\ (4, 2) \end{matrix}$$

Vertex of a parabola

$$x = \frac{-b}{2a}$$

$$x = \frac{5}{2}$$

$$(2.5, 1)$$

$$y = x^2 - 5x + 6$$

$$y = \frac{25}{4} - \frac{25}{2} + 6$$

$$y = -\frac{25}{4} + \frac{24}{4} = -\frac{1}{4}$$

$$\frac{dy}{dx} = 2y$$

$$y = y^2 + C$$

$$1 = 1 + C$$

$$C = 0$$

$(0, 1)$

$$y = y^2$$

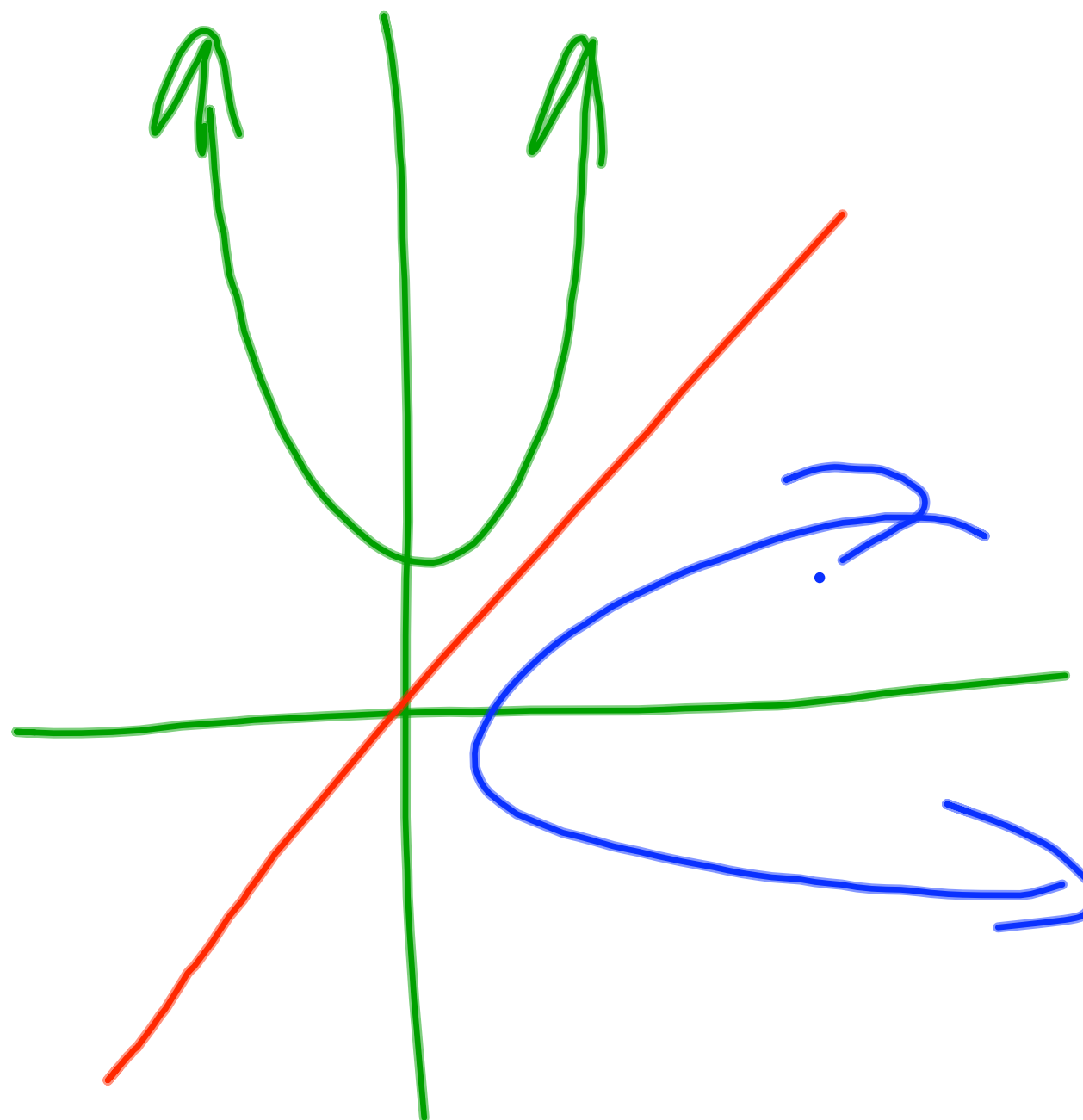
$$x^2 - y = 0$$

$$x^2 - x = 0$$

parabola up

Inverses

Sideways
right



Φ 313

31, 32, 34, 36